

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
5 April 2007 (05.04.2007)

PCT

(10) International Publication Number  
**WO 2007/038643 A1**

(51) International Patent Classification:  
A61M 39/26 (2006.01) A61M 25/00 (2006.01)

(21) International Application Number:  
PCT/US2006/037766

(22) International Filing Date:  
26 September 2006 (26.09.2006)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
60/720,443 26 September 2005 (26.09.2005) US

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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

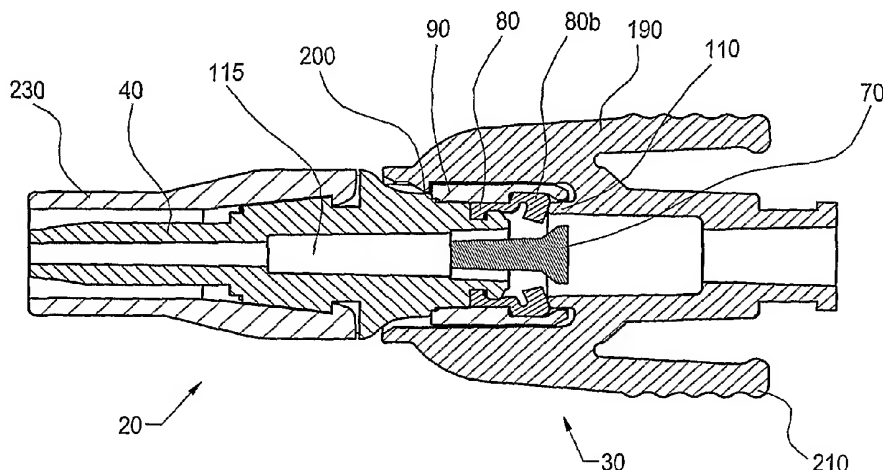
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

**Published:**

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: CATHETER CONNECTION SYSTEMS



(57) Abstract: A catheter connection system is disclosed. In one embodiment, a catheter connection system may include at least two components and a deformable sealing element positioned between the at least two components configured to allow, upon deformation, fluid flow through the at least two components. In another embodiment, the catheter connection system may include a sealing element positioned between at least two components, wherein the components are coupled to one another by a locking member.

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## INTERNATIONAL SEARCH REPORT

International application No

PCT/US2006/037766

A. CLASSIFICATION OF SUBJECT MATTER  
 INV. A61M39/26 A61M25/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

A61M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 43 11 715 A1 (FRESENIUS AG [DE]) 20 October 1994 (1994-10-20) column 3, line 47 - column 4, line 43; figure 2	1-16
X	----- WO 02/04065 A2 (ICU MEDICAL INC [US]; FANGROW THOMAS F JR [US]) 17 January 2002 (2002-01-17) figures 10-14	1,3,4,14
X	----- WO 03/018105 A (OCCUPATIONAL & MEDICAL INNOVAT [AU]; KIEHNE BRUCE LEIGH [AU]) 6 March 2003 (2003-03-06) the whole document	1-16
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☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

## \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
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- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

11 January 2007

Date of mailing of the international search report

25/01/2007

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## INTERNATIONAL SEARCH REPORT

International application No

PCT/US2006/037766

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/002351 A1 (COTE ANDREW L [US] ET AL COTE SR ANDREW L [US] ET AL) 3 January 2002 (2002-01-03) the whole document -----	1-16
X	US 6 170 800 B1 (MELOUL RAPHAEL F [US] ET AL) 9 January 2001 (2001-01-09) the whole document -----	1-16
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A	DE 91 05 229 U1 (B. BRAUN MELSUNGEN AG, 3508 MELSUNGEN, DE) 13 June 1991 (1991-06-13) the whole document -----	1-16

**FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210**

Continuation of Box II.1

Claims Nos.: 17-20

Rule 39.1(iv) PCT - Method for treatment of the human or animal body by surgery:

the method step "inserting a distal end of a catheter hub into a coupling member" is usually performed during catheterization, thus it forms part of a surgical treatment of the human or animal body. Claim 20 explicitly mentions the evacuation of fluid from a patient's corpus.

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/US2006/037766

## Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.: 17-20  
because they relate to subject matter not required to be searched by this Authority, namely:  
see FURTHER INFORMATION sheet PCT/ISA/210
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

### Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/US2006/037766

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